

モ小サク、花瓣ニハ黄細點ノミヲ有スルモノデ、和名ヲちやぼしこたんさうトスル。しこたんさうハコレニ比シ、莖ガ延ビ、葉ガ大キク狭ク、花モ大キク、花瓣ノ上半部ニハ概ネ紅色ノ細點ヲ有スルノデ、中間形モアルガソノ變種トミナシ *S. cherlerioides* var. *rebunshirensis* HARA トスル。葉ノ廣狹、縁毛ノ多少、花瓣ノ鋭鈍等第 44 圖ニ示ス如ク可成リ變化スルガ一々名ヲ與ヘル必要ハナイト思フ。

**ひめくもまぐさ** 第 44 圖 G ノ如ク葉ガ細ク先端ニ 稍長イ刺ガアリ 顯著ナ縁毛ヲ有スルノデ新變種トシテ var. *togakushensis* HARA トシタ。信州戸隠山ノ外、北海道石狩層雲峽近クデ採集シタモノガコノ形デアツタ。

82) **はごろもぐさ** *Alchemilla vulgaris* 群ノモノハ歐洲デハ路傍ノ雜草デ極メテ變化ノ多イモノデアアルガ、我國デハ珍稀ナ高山植物デソノ形モ一定シテキル。はごろもぐさは *A. filicaulis* BUSER トイフ形ニ最モヨク似テキルガ、莖ノ毛ガ多ク葉ノ裂片ガ低平ナ點ガ異ルノデ新種トシテ *A. japonica* NAKAI et HARA トスル。信州白馬岳・八ヶ岳、甲州北岳・荒川岳・赤石岳ソレカラズツト飛ンデ北海道石狩タ張岳ニ産スル。

83) **つちびのき** (新種) 屋久島ニ産スルしやくなんがんぴニ近イがんぴ屬中ノ珍品デアアル。しやくなんがんぴトハ葉ガ潤大デ薄ク、花序ガ短ク、花被薄ク花筒ガ中部下デ一側ガ膨ミ曲リ、子房ヤ果實ガ長柄ヲ有スル點デ區別サレル。九州、日向、東臼杵郡、北川村、祝子川、榎峠ノ多濕ナ林内陰地ニ散生スルサウデ、宮崎高等農林學校ノ吉江清朗氏ガ採集シ宮澤文吾氏ヲ經テ送ラレタ。和名ハ祝子川附近ノ方言つちびのきを採用シ、學名ヲ *Diplomorpha capitellata* HARA トスル。

## Miscellaneous Notes on the East-Asiatic Pteridophytes with special reference to the Japanese Species (IV)

By

Motozi TAGAWA

田川基二：東亞羊齒植物雜考（其四）

33. *Dryopteris taitunensis* KOIDZ. in Bot. Mag. Tokyo 38: 197 (1924).  
*Aspidium viridescens* (non MLQ.) CHRIST in Bull. Herb. Boiss. sér. 2. 4: 615 (1904).

Type from Taitum (Mt. Daiton), Formosa (U. FAURIE ! No. 699. *May* 7, 1903). This is **Cyathea Hancockii** COPEL. (= *Alsophila denticulata* BAK. = *Dryopteris Hancockii* (COPEL.) NAKAI = *Alsophila acaulis* MAKINO).

34. *Dryopteris Fauriei* KODAMA in MATSUM., Ic. Pl. Koisikav. **2**: 11. t. 90 (1914); MAKINO et NEMOTO, Fl. Jap. 1613 (1925).

Type from Mt. Myôgi, Japan (U. FAURIE ! No. 25. *Oct.* 1912). This may perhaps be safely referred to **Hypodematium crenatum** (FORSK.) KUHN, as I can see no tangible differences between these two species.

35. *Davallia chrysanthemifolia* HAYATA, Ic. Pl. Formos. **5**: 265. fig. 97 (1915); MAKINO et NEMOTO, Fl. Jap. 1597 (1925).

Type from Mt. Arisan, Formosa (T. ITÔ ! No. 27. *Apr.* 1914). This is **Humata repens** (L. fil.) BEDD.

36. *Davallia nipponica* MIQ. in Ann. Mus. Bot. Lugd. Bat. **3**: 180 (1867); FR. et SAV., Enum. Pl. Jap. **2**: 209 (1876); MATSUM., Ind. Pl. Jap. **1**: 301 (1904). *Microlepia nipponica* C. CHR., Ind. Fil. 427 (1905); MAKINO et NEMOTO, Fl. Jap. 1635 (1925).

Type from Japan (KEISUKE !). This is **Denstaëdtia Wilfordii** (MOORE) KOIDZ. in MAYEBARA, Fl. Austro-Higoensis **2** (1931) (= *Davallia rhomboidea* (non WALL.) HOOK. = *D. Wilfordii* BAK. = *Microlepia Wilfordii* MOORE).

The systematic position of this species is uncertain. Sorus suggests its *Denstaëdtia* nature, but we must think of its slender habit, apparently glabrous frond, and geographical distribution. I shall establish a new genus for this species.

37. *Athyrium oreopteris* COPEL. in Phil. Journ. Sci. **40**: 302 (1929).

Type from Mt. Arisan, Formosa (U. FAURIE ! No. 566. *June* 1914). This is **Athyrium oppositipennum** HAYATA. FAURIE No. 566 is also the type of *Athyrium taiwanianum* TAGAWA, which is a synonym of HAYATA's species.

38. *Cornopteris Tashiroi* TAGAWA in Acta Phytotax. Geobot. **1**: 159 (1932). *Athyrium Tagawai* C. CHR., Ind. Fil. Suppl. III. 44 (1934).

Type from Isl. Yaku-sima, Kyûsyû (Z. TASHIRO ! *Sept.* 27, 1919). This is a smaller and less cut form of **Cornopteris fluvialis** (HAYATA) TAGAWA (= *Dryopteris fluvialis* HAYATA = *Athyrium fluviale* C. CHR.) from Formosa.

39. *Diplazium boninense* KOIDZ. in Bot. Mag. Tokyo **38**: 104 (1924); MAKI-

NO et NEMOTO, Fl. Jap. 1601 (1925).

Type from the Bonin Islands (Y. TOYOSHIMA ! No. 145). This is **Asplenium tenerum** FORST.

40. *Asplenium ritoense* HAYATA, Ic. Pl. Formos. **4**: 226. fig. 156 (1914).

Type from Mt. Ritô-zan, Formosa (T. KAWAKAMI ! July 1913). This species seems to me to be a young plant of **Asplenium davallioides** HOOK. Dr HAYATA found out red dots on margin of indusium, which are, I think, not inherent but acquired character.

41. *Asplenium laserpitiifolium* LAM. var. *morrisonense* HAYATA in Bot. Mag. Tokyo **23**: 29 (1909); in Journ. Coll. Sci. Imp. Univ. Tokyo **30**: 438 (1911) [Mat. Fl. Formos.]. *Asplenium morrisonense* HAYATA, Ic. Pl. Formos. **4**: 225 (1914); MAKINO et NEMOTO, Fl. Jap. 1582 (1925).

Based upon two specimens from Mt. Arisan, Formosa: Tôzan, in montibus Morrison (G. NAKAHARA ! Dec. 1906); in montibus Morrison, ad 4000 ped. alt. (T. KAWAKAMI & U. MORI ! No. 1830. Oct. 1906). This is a well developed and deeply cut form of **Asplenium Wilfordii** METT.

42. *Cheilanthes formosana* HAYATA in Journ. Coll. Sci. Imp. Univ. Tokyo. **22**: 612 (1906) [Enum. Pl. Formos.]; MAKINO et NEMOTO, Fl. Jap. 1593 (1925)

Type from Rakurakusha, Formosa (G. NAKAHARA ! 1905). This is a small plant of **Cheilanthes farinosa** (FORSK.)KAULF., which is not rare in mountainous regions of Formosa.

43. *Pteris tripartita* Sw. var. *magna* CHRIST in Bull. Herb. Boiss. sér. 2. **1**: 1016 (1901); MATSUM., Ind. Pl. Jap. **1**: 394 (1904); MAKINO et NEMOTO, Fl. Jap. 1666 (1925).

Type from Amami-Ôsima, Ryûkyû (U. FAURIE ! No. 4593. July 1900). This is *Pteris Wallichiana* AG. var. *austro-sinica* CHING in Bull. Dept. Biol. Coll. Sci. Sun Yatsen Univ. No. 6. 27 (1933). The form from South China, Formosa, the Ryûkyû Islands, and Japan is much larger than the Himalayan type. According to the rules of nomenclature, a new combination, **Pteris Wallichiana** AG. var. *magna* (CHRIST) TAGAWA, is desirable for this variety. *Pteris morrisonicola* HAYATA {in Bot. Mag. Tokyo **23**: 33 (1909); in Journ. Coll. Sci. Imp. Univ. Tokyo **30**: 445 (1911) [Mat. Fl. Formos.]; MAKINO et NEMOTO, l. c. 1664} from Mt. Arisan, Formosa, is also referable here.

44. *Pteris serrata* L. f. var. *obtusa* CHRIST in Bull. Herb. Boiss. sér. 2. **4**: 612 (1904); MATSUM. et HAYATA in Journ. Coll. Sci. Imp. Univ. Tokyo **22**: 623 (1906) [Enum. Pl. Formos.].

Type from Maruyama in Taihoku, Formosa (U. FAURIE ! No. 626. *May* 1903). This is an abnormal form of ***Pteris ensiformis*** BURM. CHRIST made a mistake in writing FAURIE number as No. 621.

45. *Pteris taiwaniana* MASAM. et SUZUKI in Ann. Rep. Bot. Gard. Taihoku Imp. Univ. **3**: 53 (1933).

Type from Isl. Kizan-tô, Formosa (G. MASAMUNE & S. SUZUKI !). This is an ill developed plant of ***Pteris dispar*** KUNZE.

46. *Pteris quadriaurita* RETZ. var. *abbreviata* ROSENST. in Hedwigia **56**: 333 (June 1915).

Type from Keelung, Formosa (U. FAURIE ! No. 122. *March* 1914). This is quite identical with ***Pteris Fauriei*** HIERON. var. **minor** HIERON. in Hedwigia **55**: 347 (Dec. 1914), type of which is also from Keelung, Formosa (U. FAURIE ! No. 685. *May* 1903). This is nothing but a dwarf form of *Pteris Fauriei* HIERON.

47. *Pteris pellucidifolia* HAYATA, Gener. Ind. Pl. Formos. 114 (1916) [Ic. Pl. Formos. **6**. Suppl.], nom. nud.; MAKINO et NEMOTO, Fl. Jap. 1665 (1925). *Pteris pellucida* (non PR.) HAYATA, Ic. Pl. Formos **4**: 241 (1914).

Type from Mt. Arisan, Formosa (B. HAYATA & S. SASAKI ! *Jan.* 1912). I can find no differences between this and ***Pteris cretica*** L., which is not rare in mountainous regions of Formosa.

48. *Pellaea Fauriei* CHRIST in Bull. Herb. Boiss. sér. 2. **4**: 612 (1904); MATSUM. et HAYATA in Journ. Coll. Sci. Imp. Univ. Tokyo **22**: 611 (1906) [Enum. Pl. Formos.]; MAKINO et NEMOTO, Fl. Jap. 1639 (1925).

Type from Hokuto near Taihoku, Formosa (U. FAURIE ! No. 691. *May* 1903). This is a soriferous, young plant of ***Histiopteris incisa*** (THUNB.) J. SM. There is no species of *Pellaea* in Formosa.

49. *Polypodium deorsipinnatum* COPEL. in Phil. Journ. Sci. **38**: 159 (1929).

Type from Mt. Arisan, Formosa (U. FAURIE ! No. 581. *June* 1914). This is ***Polypodium microrrhizoma*** CLARKE.

50. *Polypodium pteropus* BL. var. *Riu-kiuense* CHRIST in Ann. Consy.

Jard. Bot. G eneve **4**: 207 (1900); MATSUM., Ind. Pl. Jap. **1**: 338 (1904).

Type from Amami- shima, Ry ky (FERR ! Nos. 168, 169. Apr. 1897). This is a well developed, deeply pinnatifid form of **Microsorium Hancockii** (BAK.) CHING.

51. **Cheilanthes Kuhnii** MILDE in Bot. Zeit. **1867**. 149; Fil. Fur. Atl. 35 (1867); HOOK. et BAK., Syn. Fil. 476 (1868); KOM. in Act. Hort. Petrop. **20**: 142 (1901) [Fl. Mansh. **1**.]; Fl. URSS. **1**: 76. t. 6 fig. 9 a-c (1934); NAKAI in Journ. Coll. Sci. Imp. Univ. Tokyo **31**: 411 (1911) [Fl. Kor. II.]; C. CHR. in Act. Hort. Gothob. **1**: 44, 90 (1924); FOMIN in Fl. Sibir. Orient. Extr. **5**: 158 cum. fig. (1930); KOM. et KLOB.-ALISOVA, Key Pl. Far East Reg. USSR. **1**: 89 (1931); KITAGAWA in Rep. First Sci. Exped. Manchoukuo IV-2. 84 (1935).

Nom. Jap. Iwama-uraziro, Iwa-toranoosida.

Hab. Manchuria: between Hsing-hung-t'ang and Pei-ying-lang, Prov. Jehol (T. NAKAI, M. HONDA & M. KITAGAWA! No. 287. Aug. 27, 1933); Chang-shaug-y , Prov. Jehol (T. NAKAI, M. HONDA & M. KITAGAWA! No. 297. Sept. 13, 1933).<sup>1)</sup>

Korea: Enzy -men, Prov. Kanhoku (S. HATSUSIMA! No. 635. June 1934); G sui, Prov. Kanhoku (J. OHWI! No. 3106. Aug. 7, 1930); Gyoy d  near Ranan. Prov. Kanhoku (R. SAIT ! No. 1412. Sept. 1, 1935); Gosonpo near Ky zy , Prov. Kanhoku (R. SAIT ! No. 1442. Sept. 17, 1935).

Distr. North China, Manchuria, North Korea and Amur.

Lamina lanceolate, 20-30 cm. long and 5-7 cm. broad.

There is a variety with broader lamina in Japan.

var. **Brandtii** (FR. et SAV.) TAGAWA, comb. nov.

*Cheilanthes Brandtii* FR. et SAV., Enum. Pl. Jap. **2**: 620 (1879); MATSUM., Ind. Pl. Jap. **1**: 298 (1904); MAKINO et NEMOTO, Fl. Jap. 1593 (1925); OGATA, Ic. Fil. Jap. **4**, pl. 157 (1931).

*Cheilanthes farinosa* KAULF. var. *Brandtii* C. CHR., Ind. Fil. 172 (1905).

*Cheilanthes Kramerii* FR. et SAV., l. c. 619; BAK. in Ann. Bot. **5**: 212 (1891); MATSUM., l. c.; MAKINO et NEMOTO, l. c.

Nom. Jap. Miyama-uraziro, Iwa-uraziro.

<sup>1)</sup> I am indebted to Mr M. KITAGAWA for kindly forwarding me two excellent specimens of this species from Jehol, Manchuria.

Hab. Housyû : in rupibus Miyogisan, Prov. Kôzuke (U. FAURIE ! No. 31. *Oct. 1912*) ; basi montis Miyogisan, Prov. Kôzuke (U. FAURIE ! No. 5609. *July 1904*) ; ibid. (S. MOTIZUKI ! *Aug. 4, 1931*) ; ibid. (J. SUGIMOTO ! *Oct. 3, 1935*) ; Mt. Ryôgami, Prov. Musasi (M. TAGAWA ! No. 334. *July 5, 1930*) ; Isigasato, Prov. Bittyû (G. MORIYA ! *July 19, 1931*) ; Hihara, Prov. Iwami (M. SISA ! *Sept. 15, 1935*).

Lamina broader than the type, deltoid-lanceolate or oblong-ovate or deltoid-ovate, 20-40 cm. long and 7-15 cm. broad.

*Ch. Krameri* FR. et SAV. seems to me to be a less cut form of this variety. Lamina is rarely not farinose beneath. This is f. **efarinosa** (*Ch. Brandtii* FR. et SAV. var. *efarinosa* MAKINO in Journ. Jap. Bot. 1: 26 (1917) ; MAKINO NEMOTO, l. c.).

52. **Dryopteris** (Eudryopteris) **tenuissima** TAGAWA in Acta Phytotax. Geobot. 1 : 308 (1932) ; KITAGAWA in Rep. First Sci. Exped. Manchoukuo IV-2. 53 (1935).

Lobi pinnarum approximati, margine crenato-serrati.

Nom. Jap. Dairen-sida, Awatubu-sida.

Hab. Manchuria.

var. **serrata** TAGAWA, var. nov.

Lobi pinnarum remotiores, margine argute dentato-serrati.

Nom. Jap.

Hab. Korea : Mt. Tyôzyu-san, Prov. Kôkai (G. KOIDZUMI ! *July 29, 1935*). Type in Herb. Kyôto Imp. Univ.).

53. **Dryopteris** (Eudryopteris) **Sakurii** (ROSENST.) TAGAWA, comb. nov. *Dryopteris subtripinnata* O. KTZE. var. *Sakurii* ROSENST. in FEDDE, Repert. 13 : 132 (1914) ; TAGAWA in Acta Phytotax. Geobot. 4 : 100 (1935).

*Dryopteris chinensis* KOIDZ. var. *Sakurii* H. ITÔ in Bot. Mag. Tokyo 50 : 38 (1936).

Nom. Jap. Sakurai-kaguma.

Hab. Honsyû : Izuruhara, Akami-mura, Aso-gun, Prov. Kôzuke (H. SEKIMOTO ! No. 2. *Oct. 15, 1932*) ; Kagemori-mura, Titibu-gun, Prov. Musasi (H. SEKIMOTO ! No. 7. *Dec. 27, 1934*).

Distr. Endemic in Japan.

54. **Polystichum Kodamæ** TAGAWA, nom. nov.

*Polystichum aculeatum* SCHOTT var. *formosanum* KODAMA in Bot. Mag. Tokyo **29** : 328 (1915); MAKINO et NEMOTO, Fl. Jap. 1652 (1925).

Nom. Jap. Hôrai-inode.

Hab. Formosa : Arisan 2500 m. in silvis, Prov. Tainan (U. FAURIE ! No. 541. June 1914); Mt. Daibu, Prov. Takao (J. OHWI ! No. 1760. May 10, 1933).

Distr. Endemie in Formosa.

55. **Polystichum variiforme** (HAYATA) TAGAWA, comb. nov.

*Polystichum aculeatum* SCHOTT var. *variiforme* HAYATA, Ic. Pl. Formos. **5** : 332 (1915); KODAMA in Bot. Mag. Tokyo **29** : 334 (1915); MAKINO et NEMOTO, Fl. Jap. 1654 (1925).

Nom. Jap. Arisan-inode.

Hab. Formosa : inter Miyama et Kiriyama, Pro. Taitô (M. TAGAWA ! No. 1067. Oct. 3, 1934).

Distr. Endemie in Formosa.

56. **Polystichum polyblepharum** (RÖMER) PR., Epim. Bot. 56 (1849); TAGAWA in Acta Phytotax. Geobot. **3** : 45 (1934).

*Aspidium polyblepharum* RÖMER apud KUNZE in Bot. Zeit. **1848**. 572.

*Aspidium aculeatum* SW. var. *japonicum* FR. et SAV., Enum. Pl. Jap. **2** : 231 (1876).

*Polystichum aculeatum* SCHOTT var. *japonicum* CHRIST in Ber. Schweiz. Bot. Gessells. **3** : 26 (1893); KODAMA in Bot. Mag. Tokyo **29** : 326 (1915); NAKAI in Bot. Mag. Tokyo **39** : 113 (1955); MAKINO et NEMOTO, Fl. Jap. 1654 (1925).

*Polystichum japonicum* DIELL in ENGL. et PRANTL, Nat. Pflanzenfam. I-4. 191 (1899); MATSUM., Ind. Pl. Jap. **1** : 343 (1904).

Nom. Jap. Inode.

Hab. Honsyû, Sikoku, Kyûsyû, Quelpart.

Distr. Endemie in Japan and Korea.

var. **fibrilloso-paleaceum** (KODAMA) TAGAWA, comb. nov.

*Polystichum aculeatum* SCHOTT var. *fibrilloso-paleaceum* KODAMA, l. c. 327; MAKINO et NEMOTO, l. c.

Nom. Jap. Asuka-inode.

Hab. Honsyû (Musasi, Sagami, Izu, Ômi).

Distr. Endemic in Japan.

f. **intermedia** TAGAWA, f. nov.

Squamæ inferiores rachirum angustissime lanceolatis, margine parcellis denticulatis.

Hab. Honsyû: Tomoe-mura, Prov. Hitati (H. TURUMATI! Aug. 24, 1932); Simura prope Tôkyô, Prov. Musasi (G. KOIDZUMI! Nov. 26, 1905); near Enmeizi, Prov. Kawati (Y. OGAWA! Feb. 1932).

This is an intermediate between typical *P. polyblepharum* Pr. and var. *fibrilloso-paleaceum* TAGAWA.

57. **Polystichum Makinoi** (TAGAWA) TAGAWA, comb. nov.

*Polystichum aculeatum* SCHOTT var. *nigro-paleaceum* MAKINO in Journ. Jap. Bot. 2: 21 (1922), non CHRIST (1893); MAKINO et NEMOTO, Fl. Jap. 1654 (1925).

*Polystichum aculeatum* SCHOTT var. *Makinoi* TAGAWA in Acta Phytotax. Geobot, 1: 88 (1932).

Nom. Jap. Kata-inode.

Hab. Honsyû.

Distr. Endemic in Japan.

58. **Polystichum retroso-paleaceum** (KODAMA) TAGAWA, comb. nov.

*Polystichum aculeatum* SCHOTT var. *retroso-paleaceum* KODAMA in Bot. Mag. Tokyo 29: 330 (1915); MAKINO et NEMOTO, Fl. Jap. 1654 (1925).

Nom. Jap. Sakage-inode.

Hab. Hokkaidô, Honsyû, Sikoku.

Distr. Endemic in Japan.

var. **coraiense** (CHRIST) TAGAWA, comb. nov.

*Polystichum aculeatum* SCHOTT var. *coraiense* CHRIST in FEDDE, Repert. 5: 11 (1908); KODAMA, l. c. 328; MAKINO et NEMOTO, l. c. 1653.

Nom. Jap. Iwasiro-inode.

Hab. Korea, Honsyû (Iwasiro, Iwaki, Uzen).

var. **ovato-paleaceum** (KODAMA) TAGAWA, comb. nov.

*Polystichum aculeatum* SCHOTT var. *ovato-paleaceum* KODAMA, l. c. 329; MAKINO et NEMOTO, l. c. 1654.

Nom. Jap. Tuyanasi-inode.



Hab. Kyûsyû, Sikoku, Honsyû.

Distr. Endemic in Japan.

33. FAURIE ガ臺灣ノ大屯山デ採集シタ No. 699 ヲ CHRIST ハ *Aspidium viridescens* MIQ. ト檢定シ、小泉教授ハだいとんしだ *Dryopteris taitunensis* KOIDZ.<sup>1)</sup> ト命名セラレタガ、コレハくさまるはち *Cyathea Hancockii* COPEL. (= *Alsophila denticulata* BAK. = *Dryopteris Hancockii* NAKAI = *Alsophila acaulis* MAKINO) デアル。

34. 妙義山デ FAURIE ガ發見シタおぼのきんまうわらび *Dryopteris Fauriei* KODAMA ハきんまうわらび *Hypodematium crenatum* KUHN ト同種デアル。原標本ハ比較的葉ノ大キナモノデアツタ。

35. 臺灣ノありさんきくしのぶハ *Davallia chrysanthemifolia* HAYATA ハきくしのぶ *Humata repens* Bedd. ト同種デアル。

36. *Davallia nipponica* MIQ. (= *Microlepia nipponica* C. CHR.) ハわうれんしだ *Denstaedtia Wilfordii* KOIDZ. (= *Microlepia Wilfordii* MOORE) ト同種デアル。わうれんしだノ分類上ノ位置ニ就イテハ疑問ガアル。囊堆ハこばのいしかぐま屬 *Denstaedtia* ノモノニ一致スルガ、繊細ナ無毛ノ葉ト分布ノ状態トハ考ヲ要スル。私ハわうれんしだノ爲ニ一新屬ヲ用意シタイト思ツテキル。

37. COPELAND ハ FAURIE ガ阿里山デ採集シタ No. 566 ヲ *Athyrium oreopteris* COPEL. ト命名シテキルガ、コレハたいせいいぬわらび *Athyrium oppositipennum* HAYATA ト同種デアル。コノ No. 566 ハ同時ニたいわんめしだ *A. taiwanianum* TAGAWA ノ原標本デモアル。

38. 屋久島ノほそばしけちしだ *Cornopteris Tashiroi* TAGAWA (= *Athyrium* Tagawa C. CHR.) ハ臺灣ノおほばみやまいぬわらび *Cornopteris fluvialis* TAGAWA ノ切レ込ミノ少イ小形ノモノニスギヌ。

39. 小笠原ノちぶさやましだ *Diplazium boninense* KOIDZ. ハをとめしだ *Asplenium tenerum* FORST. ト同種デアル。

40. 臺灣ノ *Asplenium ritoense* HAYATA ハかりざきしだ *Asplenium davallioides* Hook. ノ幼植物デアルト思フ。早田博士ハ包膜ノ邊緣ニ赤イ小點ヲ觀察シテキラレルガコレハ先天的ノモノデハナクテ後天的ノモノト思ハレル。

41. 臺灣ノひめおきなはしだ *Asplenium morrisonense* HAYATA あそがぬしだ *Asplenium Wilfordii* METT. ノコマカク切レ込シダ大形ノ一品ニスギヌ。

42. 臺灣ノこなしだ *Cheilanthes formosana* HAYATA ハ *Cheilanthes farinosa* KAULE ノ小形ノモノデアル。Ch. *farinosa* KAULF. ハ臺灣デハ珍ラシクナイ。和名ニハこなしだヲ採用シヨウ。

1) 總覽デハドウシタコトカ *Dryopteris taichuensis* KOIDZ. ト學名ヲ誤ツテキル。

43. FAURIE ガ奄美大島デ採集シタ No. 4593 ヲ CHRIST ハ *Pteris tripartita* Sw. var. *magna* CHRIST ト命名シタガ、コレハなちしだデアル。秦仁昌氏ニヨレバ、南支那ノなちしだハヒマラヤ産ノモノト異リ、各部が大キテ小羽片ハ長サ 15-20 cm 幅 3-5 cm 裂片ハ長サ 1.5-2 cm 少々鎌身狀ニ曲ツテキルカラ、變種トシテ *Pteris Wallichiana* Ag. var. *austro-sinica* CHING ト命名シタ。臺灣、琉球、日本ノなちしだハミナコノ南支那ノ變種ト同ジ型ノモノデアル。ソレデ命名規約ニ從ツテ、**なちしだ**ノ學名ヲ *Pteris Wallichiana* Ag. *magna* (CHRIST) TAGAWA ト改メヨウト思フ。ナホ臺灣ノもりそんわらび *Pteris morrisonicola* HAYATA ハなちしだト同ジモノデアル。

44. FAURIE ガ臺北ノ圓山デ採集シタ No. 626 ヲ CHRIST ハ *Pteris serrata* L. f. var. *obtusata* CHRIST ト命名シテキルガ、コレハ**ほこしだ** *Pteris ensiformis* BURM. ノ少シ形ノクヅレタモノニスギヌ。

45. たいわんあまくさしだ *Pteris taiwaniana* MASAM. et SUZUKI ノ原標本ハ正宗嚴敬、鈴木重良兩氏が臺灣ノ龜山島デ採集シタモノデアルガ、コレハ**あまくさしだ** *Pteris dispar* KUNZE ノ發育ノ悪いモノニスギヌ。

46. *Pteris quadriaurita* RETZ. var. *abbreviata* ROSENST. ハ半年早く發表セラレタ *Pteris Fauriei* HIERON var. *minor* HIERON. ト同ジモノデアル。ドチラモ FAURIE ガ基隆デ採集シタモノデ、前者ノ原標本ハ No. 122. 後者ノ原標本ハ No. 685 デアル。はちじやうしだ *Pteris Fauriei* HIERON. ノ小形ノ一品デアル。區別スル必要モ無イカト思ハレル。

47. 臺灣ノありさんゐのもとさう *Pteris pellucidifolia* HAYATA ハ**おほばのゐのもとさう** *Pteris cretica* L. ト同種デアラウ。

48. FAURIE ガ臺灣ノ北投デ發見シタイぬゐのもとさう *Pellaea Fauriei* CHRIST ハ囊堆ヲ附ケテハキルガ**ゆのみぬしだ** *Histiopteris incisa* J. SM. ノ幼植物ニスギヌ。*Pellaea* 屬ノ植物ハ日本ニハマダ發見セラレテキナイ。

49. COPELAND ハ FAURIE ガ阿里山デ採集シタ No. 581 ヲ *Polypodium deorsipinnatum* COPEL. ト命名シタガ、コレハ**ありさんうらぼし** *Polypodium microrrhizoma* CLARKE ト同種デアル。

50. FERRIÉ ガ奄美大島ノ名瀬デ採集シタ No. 168 及ビ 169 ヲ CHRIST ハ *Polypodium pteropus* BL. var. *Riu-kiuense* CHRIST ト命名シテキルガ、コレハ**ほこぎしだ** *Microsorium Hancockii* CHING ノ羽狀ニ深裂シタ型ノモノデアル。

51. **みやまうらじろ** *Cheilanthes Brandtii* Fr. et Sav. トいはうらじろ *Ch. Kramerii* Fr. et Sav. トハ同種デアル。ソシテコレハ北支那、滿洲、北鮮、アムールニアル *Ch. Kuhnii* MILDE ノ葉身ノ幅ノ廣イ變種デアル。葉身ハ三角狀披針形又ハ長卵形又ハ三角狀卵形デ長サ 2-40 cm. 幅 7-15 cm. バカリ。上野、武藏、備中、石見ニアル。學名ヲ *Cheilanthes Kuhnii* MILDE var. *Brandtii* (Fr. et Sav.) TAGAWA ト改メタ。**あを**

**みやまうらじろ** Ch. *Kuhnii* var. *Brandtii* f. *efarinosa* (MAKINO) ハ葉ノ裏ノ白クナイ一型デアル。

52. 朝鮮ノ黃海道長壽山ニだいれんしだ *Dryopteris tenuissima* TAGAWA ニヨク似テ羽片裂片ノ邊緣ニ鋭イ齒牙狀ノ鋸齒ノアルモノガアル。コレヲ *Dryopteris tenuissima* TAGAWA var. *serrata* TAGAWA ト命名シタ。昨夏小泉教授ノ採集セラレタモノデアル。

53. **さくらみかむま** ハほそばのいたちしだ *Dryopteris chinensis* KOIDZ. トハ何ノ關係モナイ別種デアルカラ、種ニシテ學名ヲ *Dryopteris Sakuraii* (ROSENST.) TAGAWA ト改メタ。櫻井半三郎氏が秩父ノ歩甲山デ發見セラレタモノデアルガ、近年關本平八氏ハ秩父ノ影森村及比上野國安蘇郡赤見村出原デ採取セラレタ。

54-58. 日本ノゐのでノ類ハ歐洲ノ *Polystichum aculeatum* SCHOTT ノ變種ニセラレテキルガコレハ次ノ如ク數種ニ分ケル方ガヨイ。

*Polystichum Kodamæ* TAGAWA = *P. aculeatum* SCHOTT var. *formosanum* KODAMA. **ほうらいゐので** 臺灣

*Polystichum variiforme* (HAYATA) TAGAWA = *P. aculeatum* SCHOTT var. *variiforme* HAYATA. **ありさんゐので** 臺灣

*Polystichum polyblepharum* (RÖMER) PR. = *P. aculeatum* SCHOTT var. *japonicum* (FR. et SAV.) CHRIST. **ゐので** 本州、四國、九州、濟州島、

var. *fibrilloso-paleaceum* (KODAMA) TAGAWA = *P. aculeatum* SCHOTT var. *fibrilloso-paleaceum* KODAMA. **あすかゐので** 本州

コノ一品種ニ中軸ノ鱗片ガ毛狀デナクテ狹披針形、邊緣ニハ極メテ疎ニ突起ノアルモノガアル。コレヲ *P. polyblepharum* var. *fibrilloso-paleaceum* f. *intermedia* TAGAWA ト命名シヨウ。ゐのでトあすかゐのでトノ中間型ヲ示スモノデ、常陸、東京附近、河内ニアル。

*Polystichum Makinoi* (TAGAWA) TAGAWA = *P. aculeatum* SCHOTT var. *nigropaleaceum* MAKINO = *P. aculeatum* SCHOTT var. *MAKINOI* TAGAWA.

**かゐので** 本州

*Polystichum retroso-paleaceum* (KODAMA) TAGAWA = *P. aculeatum* SCHOTT var. *retroso-paleaceum* KODAMA **さかげゐので** 北海道、本州、四國

var. *coraiense* (CHRIST) TAGAWA = *P. aculeatum* SCHOTT var. *coraiense* CHRIST.

**いはしろゐので** 朝鮮、本州

var. *ovato-paleaceum* (KODAMA) TAGAWA = *P. aculeatum* SCHOTT var. *ovato-paleaceum* KODAMA. **つやなしゐので** 本州、四國、九州